

about 15 percent of all aerospace engineers. That means that women represent a tremendous opportunity, an untapped resource for a sector vital to our economy and to our national security.

Bringing women to the table is not only the right thing to do, it is the smart and necessary thing to do in order to keep America competitive in a 21st century economy.

Women provide new and essential perspective in the workplace, driving innovation and strengthening our ability to address new challenges. With an aging workforce, we must do everything in our power to broaden and deepen the pool of skilled workers and provide all Americans with the skills they need to compete in a global economy.

Aerospace companies in northwest and central Connecticut, like Ensign-Bickford, Praxair, and United Technologies Corporation, have shared with me for years their concerns about this aging workforce. That is because they are looking down the line, and they know that if they don't diversify their workforce soon, shortages of skilled workers could force these companies to relocate or even leave the United States.

Our bill, the Women in Aerospace Education Act, addresses the need to expand and diversify the STEM workforce in two ways.

First, our bill supports hands-on experiences for teachers. The Women in Aerospace Education Act does this by encouraging universities applying for Noyce grants to incorporate aerospace working and learning experiences at the national laboratories and NASA centers into their fellowship programs.

Second, our bill specifically targets diversifying the aerospace workforce by allowing the National Science Foundation to prioritize women and other underrepresented groups working in aerospace engineering when awarding the Robert Noyce Teacher Scholarship grants.

Noyce teacher grants play a vital role in placing STEM teachers in rural or lower-income school districts, which all too often do not have access to the resources, to give students robust hands-on science. Our bill will help ensure that more female STEM teachers will enter classrooms with firsthand knowledge of how aerospace technologies are strengthening America's future.

This is important. This is important because it is a fact that girls who have women science teachers are more likely to consider a career in the sciences, and teachers who are exposed to hands-on, real-life science are better able to kindle that interest in science among their students.

Let me give you an example of what a difference these efforts will make. Kelley Johnson is a member of my STEM Advisory Board. She is a founder and president of Doors to Explore, Incorporated, a startup in my district

that provides an online resource for young people to explore STEM careers.

Growing up, Kelley had no idea what aerospace engineering was; that is, until a local company donated a Wang computer to her high school, which allowed her to take her first computer science classes. Kelley went on to work at NASA where she designed electronics for two satellites. Her time at NASA was instrumental in developing her critical thinking skills and provided her with an even stronger foundation in STEM that she has used in every job since.

Kelley's early exposure to computer science and her work at NASA launched her into a successful career in STEM, and she is now sharing that with a new generation of students.

I am committed to making Kelley's experience available to young women and men all across this country who would thrive from mentorship from female science teachers or work experience at NASA or the national labs.

Mr. Speaker, I thank Congressman KNIGHT for his leadership on this bill and on this important issue. I urge my colleagues to support the Women in Aerospace Education Act.

Mr. KNIGHT. Mr. Speaker, I reserve the balance of my time.

Ms. EDDIE BERNICE JOHNSON of Texas. Mr. Speaker, I have no further requests for time. I urge passage, and I yield back the balance of my time.

Mr. KNIGHT. Mr. Speaker, I think Members can hear that we have got passion here, and Ms. JOHNSON, Ms. ESTY, and I believe that talk is cheap, and this is actually going to do something. If we are going to talk about STEM continually, and we are going to try and push this maybe into an arena that hasn't been pushed before, then let's do something. That is exactly what this is doing.

Mr. Speaker, I yield back the balance of my time.

The SPEAKER pro tempore. The question is on the motion offered by the gentleman from California (Mr. KNIGHT) that the House suspend the rules and pass the bill, H.R. 4254, as amended.

The question was taken.

The SPEAKER pro tempore. In the opinion of the Chair, two-thirds being in the affirmative, the ayes have it.

Mr. KNIGHT. Mr. Speaker, on that I demand the yeas and nays.

The yeas and nays were ordered.

The SPEAKER pro tempore. Pursuant to clause 8 of rule XX, further proceedings on this motion will be postponed.

UNITED STATES AND ISRAEL SPACE COOPERATION ACT

Mr. DUNN. Mr. Speaker, I move to suspend the rules and pass the bill (H.R. 1159) to provide for continuing cooperation between the National Aeronautics and Space Administration and the Israel Space Agency, and for other purposes, as amended.

The Clerk read the title of the bill.
The text of the bill is as follows:

H.R. 1159

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the "United States and Israel Space Cooperation Act".

SEC. 2. FINDINGS.

The Congress finds that—

(1) authorized in 1958, the National Aeronautics and Space Administration (NASA) supports and coordinates United States Government research in aeronautics, human exploration and operations, science, and space technology;

(2) established in 1983, the Israel Space Agency (ISA) supports the growth of Israel's space industry by supporting academic research, technological innovation, and educational activities;

(3) the mutual interest of the United States and Israel in space exploration affords both nations an opportunity to leverage their unique abilities to advance scientific discovery;

(4) in 1996, NASA and the ISA entered into their first agreement outlining areas of mutual cooperation, which remained in force until 2005;

(5) since 1996, NASA and the ISA have successfully cooperated on many space programs supporting the Global Positioning System and research related to the sun, earth science, and the environment;

(6) the bond between NASA and the ISA was permanently forged on February 1, 2003, with the loss of the crew of STS-107 including Israeli Astronaut Ilan Ramon;

(7) the United States-Israel Strategic Partnership Act of 2014 (Public Law 113-296) designated Israel as a Major Strategic Partner of the United States; and

(8) on October 13, 2015, the United States and Israel signed the Framework Agreement between the National Aeronautics and Space Administration of the United States of America and the Israel Space Agency for Cooperation in Aeronautics and the Exploration and Use of Airspace and Outer Space for Peaceful Purposes.

SEC. 3. CONTINUING COOPERATION.

The Administrator of the National Aeronautics and Space Administration shall continue to work with the Israel Space Agency to identify and cooperatively pursue peaceful space exploration and science initiatives in areas of mutual interest, taking all appropriate measures to protect sensitive information, intellectual property, trade secrets, and economic interests of the United States.

The SPEAKER pro tempore. Pursuant to the rule, the gentleman from Florida (Mr. DUNN) and the gentleman from Texas (Ms. EDDIE BERNICE JOHNSON) each will control 20 minutes.

The Chair recognizes the gentleman from Florida.

GENERAL LEAVE

Mr. DUNN. Mr. Speaker, I ask unanimous consent that all Members have 5 legislative days to revise and extend their remarks and to include extraneous material on H.R. 1159, the bill now under consideration.

The SPEAKER pro tempore. Is there objection to the request of the gentleman from Florida?

There was no objection.

Mr. DUNN. Mr. Speaker, I yield myself such time as I may consume.

Mr. Speaker, the United States and Israel Space Cooperation Act deserves

our support. The peaceful use of outer space and cooperation with our friends and allies lie at the very heart of NASA's mission.

The United States has been a partner and a friend to the Israeli space program since its creation three decades ago. Our voyages have brought us closer together as nations, as partners, and as friends. Our shared quests for peace, knowledge, and friendship echo our experiences together on Earth.

But sadness and sorrow have tested that relationship. Israel's first astronaut, Ilan Ramon, flew to space for the first time on the ill-fated Space Shuttle Columbia. Even though that accident tragically ended the life of Ilan and six U.S. crew members, the U.S. and Israel turned that tragedy into hope, working together even more closely.

In 2015, the U.S. and Israel again renewed their partnership with another 10-year commitment to peaceful cooperation in space. That mutual commitment to the peaceful exploration of outer space has grown even stronger with the passage of this act under consideration today.

Peaceful space exploration offers all humanity a common, noble goal, extending our collective reach further into the heavens. Reaching farther and broadening our understanding of the universe is one of the most important and honorable challenges that we can face together. I believe that working together with our allies and partners on the peaceful exploration of space is an essential part of what makes NASA a vital national asset. This bill strengthens NASA's ability to do this important work.

I am also pleased that the bill includes a recognition that sensitive and proprietary information should be protected.

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Mr. Speaker, I invite all of my colleagues to join me in support of the United States and Israel Space Cooperation Act.

Mr. Speaker, I reserve the balance of my time.

Ms. EDDIE BERNICE JOHNSON of Texas. Mr. Speaker, I yield myself such time as I may consume.

Mr. Speaker, I rise in support of H.R. 1159, the United States and Israel Space Cooperation Act. The cooperation between the National Aeronautics and Space Administration, NASA, and the Israel Space Agency is just one example of peaceful international cooperation that has been a hallmark of NASA's approach since its inception in 1958.

In fact, when Congress passed NASA's founding legislation, the Space Act of 1958, one of the primary objectives established for the agency was: "7, Cooperation by the United States with other nations and groups of nations in work done pursuant to this act and in the peaceful application of the results thereof."

NASA has followed this objective over the years in a variety of ways. Since its establishment in 1958, NASA has entered into over 5,000 original agreements with international entities, and currently NASA has over 800 active cooperative agreements across a range of disciplines with over 120 countries and international organizations.

These international partnerships have led to a range of benefits in scientific advancement, access to scientific data, partnering in exploration, and sharing the costs and risks of space missions.

NASA has had a long and fruitful relationship with the country of Israel, and that cooperative relationship continues to this day. Current activities with Israel include the involvement of almost 200 Israeli schools in the Global Learning and Observations to Benefit the Environment, GLOBE, educational project; collaboration on atmospheric and climate research; and numerical cloud modeling, among other activities.

I think it is also fitting to remember that the crew of the ill-fated Space Shuttle Columbia mission, STS-107, included an Israeli astronaut, Ilan Ramon, who, along with the entire STS-107 crew, tragically perished with the loss of the space shuttle orbiter on February 1, 2003.

Israel has shared in the great achievements of NASA as well as great losses that have paved the way for future space explorers. Their sacrifice will be held in our hearts as we work to further space exploration for the benefit of mankind.

Mr. Speaker, I want to thank the sponsor of this legislation, Mr. KILMER, for introducing the bill.

Mr. Speaker, I reserve the balance of my time.

Mr. DUNN. Mr. Speaker, I reserve the balance of my time.

Ms. EDDIE BERNICE JOHNSON of Texas. Mr. Speaker, I yield such time as he may consume to the gentleman from Washington (Mr. KILMER).

Mr. KILMER. Mr. Speaker, I rise in support of this bill, but before I do, I want to just briefly acknowledge the members of my community who were affected by a tragic Amtrak derailment in Pierce County, Washington, today. The families of those we lost and all the folks affected by this are in my prayers tonight.

Mr. Speaker, on May 25, 1961, President John F. Kennedy came before this body and gave an urgent special address. He laid out the costs of supporting the space program and of going to the Moon, and he said: "We choose to go into space because whatever mankind must undertake, free men must fully share."

Today, Mr. Speaker, that journey continues as we take a vote to formalize sharing a space partnership between our Nation and a close ally and friend, the nation of Israel.

This partnership began in 1985 when NASA and the Israel Space Agency

began cooperating on a limited basis. A decade later, our Nation signed an agreement to allow Israeli astronauts to begin training with their American counterparts.

In 2003, Israeli Air Force Colonel Ilan Ramon became the first Israeli astronaut. He traveled to space aboard the Space Shuttle Columbia. It was a 16-day mission, and the crew of six Americans and one Israeli conducted 80 experiments that helped us understand our place in the universe just a little bit better.

Tragically, the celebration of this partnership turned to shared mourning as Columbia was lost on reentry, but the tragedy did not stop our shared journey into space. To this day, we continue to cooperate, including on projects everyone benefits from, including the Global Positioning System, and research that helps us better understand the Sun, and even research related to our environment here on Earth.

In 2015, NASA and the Israel Space Agency signed a civil space framework agreement to formalize and expand cooperation in civil space activities.

Mr. Speaker, today's vote continues a deep and lasting partnership among free societies. I have been proud to work with a number of my colleagues and NASA and everyday Americans who know that all mankind benefits when we explore our universe.

Mr. Speaker, I would like to thank the chairman for his leadership on these issues and the ranking member, who has been such a champion in support of smart policies in the arena of science, space, and technology. I also would like to thank the majority and minority staff from the committee for the work that they do.

Mr. Speaker, I urge my colleagues to support this bill.

Ms. EDDIE BERNICE JOHNSON of Texas. Mr. Speaker, I have no further requests for time. I urge passage, and I yield back the balance of my time.

Mr. DUNN. Mr. Speaker, I have no further requests for time, and I yield back the balance of my time.

The SPEAKER pro tempore. The question is on the motion offered by the gentleman from Florida (Mr. DUNN) that the House suspend the rules and pass the bill, H.R. 1159, as amended.

The question was taken.

The SPEAKER pro tempore. In the opinion of the Chair, two-thirds being in the affirmative, the yeas have it.

Mr. DUNN. Mr. Speaker, on that I demand the yeas and nays.

The yeas and nays were ordered.

The SPEAKER pro tempore. Pursuant to clause 8 of rule XX, further proceedings on this motion will be postponed.

SUPPORTING VETERANS IN STEM CAREERS ACT

Mr. DUNN. Mr. Speaker, I move to suspend the rules and pass the bill (H.R. 4323) to promote veteran involvement in STEM education, computer